

## National Functional Guidelines Report # 17

10:53 Fri, Nov 14, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4G20 Case 37947 Contract EPW05030 Region 9 DDTID 37839 SOW SOM01.2

***Continuing Calibration Data Summary***

VOA	Low	Med	1A	Continuing Calibration Verification	InstrumentID=V6	Column=DB-624	HeatedPurge>No
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		<b>RRF-050 VSTD0506R V6G2053.D 11/01/2008 20:47:00</b>					
		<b>Lab</b>		<b>NFG Calculated</b>			
<b>Compound</b>	<b>Peak ID</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>% D</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>%D</b>
Dichlorodifluoromethane	85	0.2187515	0.291	-24.7	0.219	0.291	-24.7
Chloromethane	50	0.2937038	0.247	19.0	0.294	0.247	19.0
Vinyl chloride	62	0.3133417	0.267	17.5	0.313	0.267	17.5
Bromomethane	94	0.1304469	0.146	-10.7	0.130	0.146	-10.7
Chloroethane	64	0.1014111	0.102	-0.4	0.101	0.102	-0.4
Trichlorofluoromethane	101	0.4493899	0.388	16.0	0.449	0.388	16.0
1,1-Dichloroethene	96	0.2993163	0.260	15.3	0.299	0.260	15.3
1,1,2-Trichloro-1,2,2-trifluoroethane	101	0.3054773	0.234	30.4	0.305	0.234	30.4
Acetone	43	0.1404704	0.127	10.3	0.140	0.127	10.3
Carbon disulfide	76	1.1549286	1.031	12.0	1.155	1.031	12.0
Methyl acetate	43	0.2147788	0.199	8.1	0.215	0.199	8.1
Methylene chloride	84	0.3511417	0.326	7.6	0.351	0.326	7.6
trans-1,2-Dichloroethene	96	0.3333903	0.311	7.2	0.333	0.311	7.2
Methyl tert-butyl ether	73	0.705978	0.682	3.6	0.706	0.682	3.6
1,1-Dichloroethane	63	0.5453863	0.501	8.9	0.545	0.501	8.9
cis-1,2-Dichloroethene	96	0.3654391	0.345	5.9	0.365	0.345	5.9
2-Butanone	43	0.1568709	0.143	9.5	0.157	0.143	9.5
Bromochloromethane	128	0.1858257	0.181	2.4	0.186	0.181	2.4
Chloroform	83	0.5599382	0.534	4.8	0.560	0.534	4.8
1,1,1-Trichloroethane	97	0.4360605	0.456	-4.4	0.436	0.456	-4.4
Cyclohexane	56	0.5134163	0.429	19.8	0.513	0.429	19.8
Carbon tetrachloride	117	0.4036039	0.416	-2.9	0.404	0.416	-2.9
Benzene	78	1.4183717	1.375	3.2	1.418	1.375	3.2
1,2-Dichloroethane	62	0.4270485	0.407	5.1	0.427	0.407	5.1
1,4-Dioxane	88	0.0053732	0.006	-11.9	0.005	0.006	-11.9

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VOA	Low	Med	1A	Continuing Calibration Verification	InstrumentID=V6	Column=DB-624	HeatedPurge>No
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		RRF-050 VSTD0506S V6G2079.D 11/02/2008 08:44:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Dichlorodifluoromethane	85	0.3535604	0.291	21.6	0.354	0.291	21.6
Chloromethane	50	0.3297499	0.247	33.6	0.330	0.247	33.6
Vinyl chloride	62	0.3161778	0.267	18.6	0.316	0.267	18.6
Bromomethane	94	0.1122814	0.146	-23.1	0.112	0.146	-23.1
Chloroethane	64	0.0854235	0.102	-16.1	0.085	0.102	-16.1
Trichlorofluoromethane	101	0.5169914	0.388	33.4	0.517	0.388	33.4
1,1-Dichloroethene	96	0.2946174	0.260	13.5	0.295	0.260	13.5
1,1,2-Trichloro-1,2,2-trifluoroethane	101	0.2367259	0.234	1.1	0.237	0.234	1.1
Acetone	43	0.1405332	0.127	10.4	0.141	0.127	10.4
Carbon disulfide	76	1.1327201	1.031	9.8	1.133	1.031	9.8
Methyl acetate	43	0.2277781	0.199	14.6	0.228	0.199	14.6
Methylene chloride	84	0.3442266	0.326	5.5	0.344	0.326	5.5
trans-1,2-Dichloroethene	96	0.2995892	0.311	-3.7	0.300	0.311	-3.7
Methyl tert-butyl ether	73	0.6601787	0.682	-3.2	0.660	0.682	-3.2
1,1-Dichloroethane	63	0.5284334	0.501	5.5	0.528	0.501	5.5
cis-1,2-Dichloroethene	96	0.3560766	0.345	3.2	0.356	0.345	3.2
2-Butanone	43	0.1577273	0.143	10.1	0.158	0.143	10.1
Bromochloromethane	128	0.1763653	0.181	-2.8	0.176	0.181	-2.8
Chloroform	83	0.5493811	0.534	2.8	0.549	0.534	2.8
1,1,1-Trichloroethane	97	0.4140629	0.456	-9.2	0.414	0.456	-9.2
Cyclohexane	56	0.4276874	0.429	-0.2	0.428	0.429	-0.2
Carbon tetrachloride	117	0.3735434	0.416	-10.2	0.374	0.416	-10.2
Benzene	78	1.4129148	1.375	2.8	1.413	1.375	2.8
1,2-Dichloroethane	62	0.4358579	0.407	7.2	0.436	0.407	7.2
1,4-Dioxane	88	0.0055053	0.006	-9.8	0.006	0.006	-9.8

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***Continuing Calibration Data Summary***

VOA	Low	Med	1A	Continuing Calibration Verification	InstrumentID=V6	Column=DB-624	HeatedPurge>No
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		<b>RRF-050 VSTD0506T V6G2104.D 11/02/2008 20:40:00</b>					
		<b>Lab</b>		<b>NFG Calculated</b>			
<b>Compound</b>	<b>Peak ID</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>% D</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>%D</b>
Dichlorodifluoromethane	85	0.3399489	0.291	16.9	0.340	0.291	16.9
Chloromethane	50	0.3317395	0.247	34.4	0.332	0.247	34.4
Vinyl chloride	62	0.3207671	0.267	20.3	0.321	0.267	20.3
Bromomethane	94	0.198288	0.146	35.8	0.198	0.146	35.8
Chloroethane	64	0.1377772	0.102	35.3	0.138	0.102	35.3
Trichlorofluoromethane	101	0.5269119	0.388	36.0	0.527	0.388	36.0
1,1-Dichloroethene	96	0.2867017	0.260	10.4	0.287	0.260	10.4
1,1,2-Trichloro-1,2,2-trifluoroethane	101	0.2367754	0.234	1.1	0.237	0.234	1.1
Acetone	43	0.1304219	0.127	2.4	0.130	0.127	2.4
Carbon disulfide	76	1.116356	1.031	8.2	1.116	1.031	8.2
Methyl acetate	43	0.2179393	0.199	9.7	0.218	0.199	9.7
Methylene chloride	84	0.3457008	0.326	5.9	0.346	0.326	5.9
trans-1,2-Dichloroethene	96	0.3099411	0.311	-0.4	0.310	0.311	-0.4
Methyl tert-butyl ether	73	0.6911718	0.682	1.4	0.691	0.682	1.4
1,1-Dichloroethane	63	0.5432728	0.501	8.5	0.543	0.501	8.5
cis-1,2-Dichloroethene	96	0.3593724	0.345	4.1	0.359	0.345	4.1
2-Butanone	43	0.1527812	0.143	6.7	0.153	0.143	6.7
Bromochloromethane	128	0.1776103	0.181	-2.1	0.178	0.181	-2.1
Chloroform	83	0.5571565	0.534	4.3	0.557	0.534	4.3
1,1,1-Trichloroethane	97	0.4195628	0.456	-8.0	0.420	0.456	-8.0
Cyclohexane	56	0.4228149	0.429	-1.3	0.423	0.429	-1.3
Carbon tetrachloride	117	0.3830708	0.416	-7.9	0.383	0.416	-7.9
Benzene	78	1.3894566	1.375	1.1	1.389	1.375	1.1
1,2-Dichloroethane	62	0.4260151	0.407	4.8	0.426	0.407	4.8
1,4-Dioxane	88	0.005123	0.006	-16.0	0.005	0.006	-16.0

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***Continuing Calibration Data Summary***

VOA	Low	Med	1A	Continuing Calibration Verification	InstrumentID=V6	Column=DB-624	HeatedPurge>No
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		<b>RRF-050 VSTD0506U V6G2126.D 11/03/2008 08:09:00</b>					
		<b>Lab</b>		<b>NFG Calculated</b>			
<b>Compound</b>	<b>Peak ID</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>% D</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>%D</b>
Dichlorodifluoromethane	85	0.2387413	0.291	-17.9	0.239	0.291	-17.9
Chloromethane	50	0.2943308	0.247	19.2	0.294	0.247	19.2
Vinyl chloride	62	0.290483	0.267	9.0	0.290	0.267	9.0
Bromomethane	94	0.1132781	0.146	-22.4	0.113	0.146	-22.4
Chloroethane	64	0.1254137	0.102	23.2	0.125	0.102	23.2
Trichlorofluoromethane	101	0.5274629	0.388	36.1	0.527	0.388	36.1
1,1-Dichloroethene	96	0.2869551	0.260	10.5	0.287	0.260	10.5
1,1,2-Trichloro-1,2,2-trifluoroethane	101	0.2841916	0.234	21.3	0.284	0.234	21.3
Acetone	43	0.1305284	0.127	2.5	0.131	0.127	2.5
Carbon disulfide	76	1.124279	1.031	9.0	1.124	1.031	9.0
Methyl acetate	43	0.2241134	0.199	12.8	0.224	0.199	12.8
Methylene chloride	84	0.3550824	0.326	8.8	0.355	0.326	8.8
trans-1,2-Dichloroethene	96	0.3245577	0.311	4.3	0.325	0.311	4.3
Methyl tert-butyl ether	73	0.7229244	0.682	6.0	0.723	0.682	6.0
1,1-Dichloroethane	63	0.5503715	0.501	9.9	0.550	0.501	9.9
cis-1,2-Dichloroethene	96	0.3570187	0.345	3.4	0.357	0.345	3.4
2-Butanone	43	0.1597734	0.143	11.5	0.160	0.143	11.5
Bromochloromethane	128	0.187855	0.181	3.5	0.188	0.181	3.5
Chloroform	83	0.5646043	0.534	5.7	0.565	0.534	5.7
1,1,1-Trichloroethane	97	0.4154153	0.456	-8.9	0.415	0.456	-8.9
Cyclohexane	56	0.4990559	0.429	16.4	0.499	0.429	16.4
Carbon tetrachloride	117	0.4070096	0.416	-2.1	0.407	0.416	-2.1
Benzene	78	1.4419618	1.375	4.9	1.442	1.375	4.9
1,2-Dichloroethane	62	0.4263267	0.407	4.9	0.426	0.407	4.9
1,4-Dioxane	88	0.0056372	0.006	-7.6	0.006	0.006	-7.6

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***Continuing Calibration Data Summary***

VOA Low Med 1B Continuing Calibration Verification InstrumentID=V6 Column=DB-624 HeatedPurge>No

		RRF-050 VSTD0506R V6G2053.D 11/01/2008 20:47:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Trichloroethene	95	0.4157185	0.370	12.3	0.416	0.370	12.3
Methylcyclohexane	83	0.6926223	0.523	32.4	0.693	0.523	32.4
1,2-Dichloropropane	63	0.3958244	0.370	7.0	0.396	0.370	7.0
Bromodichloromethane	83	0.4612112	0.464	-0.6	0.461	0.464	-0.6
cis-1,3-Dichloropropene	75	0.5777146	0.560	3.2	0.578	0.560	3.2
4-Methyl-2-pentanone	43	0.3490748	0.306	13.9	0.349	0.306	13.9
Toluene	91	1.5902355	1.509	5.4	1.590	1.509	5.4
trans-1,3-Dichloropropene	75	0.5129178	0.486	5.4	0.513	0.486	5.4
1,1,2-Trichloroethane	97	0.3385489	0.325	4.3	0.339	0.325	4.3
Tetrachloroethene	164	0.3435386	0.352	-2.4	0.344	0.352	-2.4
2-Hexanone	43	0.2340296	0.210	11.6	0.234	0.210	11.6
Dibromochloromethane	129	0.3984031	0.393	1.4	0.398	0.393	1.4
1,2-Dibromoethane	107	0.3475082	0.340	2.1	0.348	0.340	2.1
Chlorobenzene	112	1.0643516	1.032	3.1	1.064	1.032	3.1
Ethylbenzene	91	1.7500486	1.649	6.1	1.750	1.649	6.1
o-Xylene	106	0.7046667	0.660	6.8	0.705	0.660	6.8
m,p-Xylene	106	0.6970611	0.668	4.3	0.697	0.668	4.3
Styrene	104	1.0757183	0.996	8.0	1.076	0.996	8.0
Bromoform	173	0.4911079	0.486	1.0	0.491	0.486	1.0
Isopropylbenzene	105	1.7491021	1.633	7.1	1.749	1.633	7.1
1,1,2,2-Tetrachloroethane	83	0.457836	0.410	11.7	0.458	0.410	11.7
1,3-Dichlorobenzene	146	1.623334	1.688	-3.9	1.623	1.688	-3.9
1,4-Dichlorobenzene	146	1.7113536	1.780	-3.8	1.711	1.780	-3.8
1,2-Dichlorobenzene	146	1.5889812	1.620	-1.9	1.589	1.620	-1.9
1,2-Dibromo-3-chloropropane	75	0.1046488	0.111	-5.3	0.105	0.111	-5.3

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**Lab** MITKEM (Mitkem Corporation) **SDG** Y4G20 **Case** 37947 **Contract** EPW05030 **Region** 9 **DDTID** 37839 **SOW** SOM01.2

***Continuing Calibration Data Summary***

VOA	Low	Med	1B	Continuing Calibration Verification	InstrumentID=V6	Column=DB-624	HeatedPurge>No
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		<b>RRF-050 VSTD0506R V6G2053.D 11/01/2008 20:47:00</b>					
		<b>Lab</b>		<b>NFG Calculated</b>			
<b>Compound</b>	<b>Peak ID</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>% D</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>%D</b>
1,2,4-Trichlorobenzene	180	0.8673218	1.032	-16.0	0.867	1.032	-16.0
1,2,3-Trichlorobenzene	180	0.7709606	0.950	-18.8	0.771	0.950	-18.8

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<b><i>Continuing Calibration Data Summary</i></b>						
VOA Low Med 1B	Continuing Calibration Verification	InstrumentID=V6	Column=DB-624	HeatedPurge>No		

		<b>RRF-050 VSTD0506S V6G2079.D 11/02/2008 08:44:00</b>					
		<b>Lab</b>		<b>NFG Calculated</b>			
<b>Compound</b>	<b>Peak ID</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>% D</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>%D</b>
Trichloroethene	95	0.3466649	0.370	-6.4	0.347	0.370	-6.4
Methylcyclohexane	83	0.5336918	0.523	2.0	0.534	0.523	2.0
1,2-Dichloropropane	63	0.3881549	0.370	4.9	0.388	0.370	4.9
Bromodichloromethane	83	0.4489066	0.464	-3.3	0.449	0.464	-3.3
cis-1,3-Dichloropropene	75	0.5740472	0.560	2.5	0.574	0.560	2.5
4-Methyl-2-pentanone	43	0.3632681	0.306	18.6	0.363	0.306	18.6
Toluene	91	1.5658042	1.509	3.7	1.566	1.509	3.7
trans-1,3-Dichloropropene	75	0.5179322	0.486	6.5	0.518	0.486	6.5
1,1,2-Trichloroethane	97	0.3420986	0.325	5.4	0.342	0.325	5.4
Tetrachloroethene	164	0.3319492	0.352	-5.7	0.332	0.352	-5.7
2-Hexanone	43	0.2441598	0.210	16.4	0.244	0.210	16.4
Dibromochloromethane	129	0.3972981	0.393	1.1	0.397	0.393	1.1
1,2-Dibromoethane	107	0.3514183	0.340	3.3	0.351	0.340	3.3
Chlorobenzene	112	1.0498093	1.032	1.7	1.050	1.032	1.7
Ethylbenzene	91	1.7232666	1.649	4.5	1.723	1.649	4.5
o-Xylene	106	0.6981681	0.660	5.8	0.698	0.660	5.8
m,p-Xylene	106	0.6909284	0.668	3.4	0.691	0.668	3.4
Styrene	104	1.0675669	0.996	7.1	1.068	0.996	7.1
Bromoform	173	0.5082996	0.486	4.6	0.508	0.486	4.6
Isopropylbenzene	105	1.726872	1.633	5.7	1.727	1.633	5.7
1,1,2,2-Tetrachloroethane	83	0.4790558	0.410	16.8	0.479	0.410	16.8
1,3-Dichlorobenzene	146	1.6028549	1.688	-5.1	1.603	1.688	-5.1
1,4-Dichlorobenzene	146	1.7181023	1.780	-3.5	1.718	1.780	-3.5
1,2-Dichlorobenzene	146	1.5914179	1.620	-1.7	1.591	1.620	-1.7
1,2-Dibromo-3-chloropropane	75	0.1089047	0.111	-1.4	0.109	0.111	-1.4

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***Continuing Calibration Data Summary***

VOA	Low	Med	1B	Continuing_Calibration_Verification	InstrumentID=V6	Column=DB-624	HeatedPurge>No
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		<b>RRF-050 VSTD0506S V6G2079.D 11/02/2008 08:44:00</b>					
		<b>Lab</b>		<b>NFG Calculated</b>			
<b>Compound</b>	<b>Peak ID</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>% D</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>%D</b>
1,2,4-Trichlorobenzene	180	0.8622637	1.032	-16.5	0.862	1.032	-16.5
1,2,3-Trichlorobenzene	180	0.7616291	0.950	-19.8	0.762	0.950	-19.8

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***Continuing Calibration Data Summary***

VOA Low Med 1B Continuing Calibration Verification InstrumentID=V6 Column=DB-624 HeatedPurge>No

		RRF-050 VSTD0506T V6G2104.D 11/02/2008 20:40:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Trichloroethene	95	0.335569	0.370	-9.4	0.336	0.370	-9.4
Methylcyclohexane	83	0.4954323	0.523	-5.3	0.495	0.523	-5.3
1,2-Dichloropropane	63	0.3835803	0.370	3.6	0.384	0.370	3.6
Bromodichloromethane	83	0.443695	0.464	-4.4	0.444	0.464	-4.4
cis-1,3-Dichloropropene	75	0.5419486	0.560	-3.2	0.542	0.560	-3.2
4-Methyl-2-pentanone	43	0.3366319	0.306	9.9	0.337	0.306	9.9
Toluene	91	1.5363078	1.509	1.8	1.536	1.509	1.8
trans-1,3-Dichloropropene	75	0.482632	0.486	-0.8	0.483	0.486	-0.8
1,1,2-Trichloroethane	97	0.3327644	0.325	2.5	0.333	0.325	2.5
Tetrachloroethene	164	0.3199148	0.352	-9.1	0.320	0.352	-9.1
2-Hexanone	43	0.227818	0.210	8.6	0.228	0.210	8.6
Dibromochloromethane	129	0.3948137	0.393	0.5	0.395	0.393	0.5
1,2-Dibromoethane	107	0.3404087	0.340	0.0	0.340	0.340	0.0
Chlorobenzene	112	1.0320012	1.032	0.0	1.032	1.032	-0.0
Ethylbenzene	91	1.6766833	1.649	1.7	1.677	1.649	1.7
o-Xylene	106	0.6904356	0.660	4.6	0.690	0.660	4.6
m,p-Xylene	106	0.6760536	0.668	1.2	0.676	0.668	1.2
Styrene	104	1.0634417	0.996	6.7	1.063	0.996	6.7
Bromoform	173	0.4772299	0.486	-1.8	0.477	0.486	-1.8
Isopropylbenzene	105	1.6859014	1.633	3.2	1.686	1.633	3.2
1,1,2,2-Tetrachloroethane	83	0.4523751	0.410	10.3	0.452	0.410	10.3
1,3-Dichlorobenzene	146	1.5483824	1.688	-8.3	1.548	1.688	-8.3
1,4-Dichlorobenzene	146	1.6436638	1.780	-7.6	1.644	1.780	-7.6
1,2-Dichlorobenzene	146	1.537428	1.620	-5.1	1.537	1.620	-5.1
1,2-Dibromo-3-chloropropane	75	0.098811	0.111	-10.6	0.099	0.111	-10.6

## National Functional Guidelines Report # 17

10:53 Fri, Nov 14, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4G20

Case 37947

Contract EPW05030

Region 9

DDTID 37839

SOW SOM01.2

***Continuing Calibration Data Summary***

VOA Low Med 1B

Continuing Calibration Verification

InstrumentID=V6

Column=DB-624

HeatedPurge&gt;No

		RRF-050 VSTD0506T V6G2104.D 11/02/2008 20:40:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
1,2,4-Trichlorobenzene	180	0.8100108	1.032	-21.5	0.810	1.032	-21.5
1,2,3-Trichlorobenzene	180	0.7141596	0.950	-24.8	0.714	0.950	-24.8

## National Functional Guidelines Report # 17

10:53 Fri, Nov 14, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4G20 Case 37947 Contract EPW05030 Region 9 DDTID 37839 SOW SOM01.2

***Continuing Calibration Data Summary***

VOA Low Med 1B Continuing Calibration Verification InstrumentID=V6 Column=DB-624 HeatedPurge>No

		RRF-050 VSTD0506U V6G2126.D 11/03/2008 08:09:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Trichloroethene	95	0.3580848	0.370	-3.3	0.358	0.370	-3.3
Methylcyclohexane	83	0.6287169	0.523	20.2	0.629	0.523	20.2
1,2-Dichloropropane	63	0.3977027	0.370	7.5	0.398	0.370	7.5
Bromodichloromethane	83	0.451444	0.464	-2.7	0.451	0.464	-2.7
cis-1,3-Dichloropropene	75	0.5050328	0.560	-9.8	0.505	0.560	-9.8
4-Methyl-2-pentanone	43	0.3479986	0.306	13.6	0.348	0.306	13.6
Toluene	91	1.5663836	1.509	3.8	1.566	1.509	3.8
trans-1,3-Dichloropropene	75	0.4603172	0.486	-5.4	0.460	0.486	-5.4
1,1,2-Trichloroethane	97	0.3438163	0.325	5.9	0.344	0.325	5.9
Tetrachloroethene	164	0.3328211	0.352	-5.5	0.333	0.352	-5.5
2-Hexanone	43	0.2345651	0.210	11.9	0.235	0.210	11.9
Dibromochloromethane	129	0.3891272	0.393	-1.0	0.389	0.393	-1.0
1,2-Dibromoethane	107	0.3515664	0.340	3.3	0.352	0.340	3.3
Chlorobenzene	112	1.0516294	1.032	1.9	1.052	1.032	1.9
Ethylbenzene	91	1.7280385	1.649	4.8	1.728	1.649	4.8
o-Xylene	106	0.6958163	0.660	5.5	0.696	0.660	5.5
m,p-Xylene	106	0.6946996	0.668	4.0	0.695	0.668	4.0
Styrene	104	1.0520302	0.996	5.6	1.052	0.996	5.6
Bromoform	173	0.4897924	0.486	0.8	0.490	0.486	0.8
Isopropylbenzene	105	1.7081363	1.633	4.6	1.708	1.633	4.6
1,1,2,2-Tetrachloroethane	83	0.4678244	0.410	14.1	0.468	0.410	14.1
1,3-Dichlorobenzene	146	1.5926368	1.688	-5.7	1.593	1.688	-5.7
1,4-Dichlorobenzene	146	1.6697727	1.780	-6.2	1.670	1.780	-6.2
1,2-Dichlorobenzene	146	1.5862495	1.620	-2.1	1.586	1.620	-2.1
1,2-Dibromo-3-chloropropane	75	0.1041695	0.111	-5.7	0.104	0.111	-5.7

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Lab MITKEM (Mitkem Corporation) SDG Y4G20

Case 37947

Contract EPW05030

Region 9

DDTID 37839

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***Continuing Calibration Data Summary***

VOA Low Med 1B

Continuing Calibration Verification

InstrumentID=V6

Column=DB-624

HeatedPurge&gt;No

		<b>RRF-050 VSTD0506U V6G2126.D 11/03/2008 08:09:00</b>					
		<b>Lab</b>		<b>NFG Calculated</b>			
<b>Compound</b>	<b>Peak ID</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>% D</b>	<b>RRF</b>	<b>Avg RRF</b>	<b>%D</b>
1,2,4-Trichlorobenzene	180	0.8543069	1.032	-17.2	0.854	1.032	-17.2
1,2,3-Trichlorobenzene	180	0.7697274	0.950	-19.0	0.770	0.950	-19.0

## National Functional Guidelines Report # 17

10:53 Fri, Nov 14, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4G20 Case 37947 Contract EPW05030 Region 9 DDTID 37839 SOW SOM01.2

***Continuing Calibration Data Summary***

VOA Low Med 6C Continuing Calibration Verification InstrumentID=V6 Column=DB-624 HeatedPurge>No

		RRF-050 VSTD0506R V6G2053.D 11/01/2008 20:47:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Vinyl chloride-d3	65	0.34283	0.307	11.8	0.343	0.307	11.8
Chloroethane-d5	69	0.1276624	0.160	-20.3	0.128	0.160	-20.3
1,1-Dichloroethene-d2	100	0.1088509	0.104	4.5	0.109	0.104	4.5
2-Butanone-d5	46	0.1591494	0.155	2.6	0.159	0.155	2.6
Chloroform-d	84	0.593306	0.573	3.5	0.593	0.573	3.5
1,2-Dichloroethane-d4	65	0.349059	0.355	-1.8	0.349	0.355	-1.8
Benzene-d6	84	1.3686255	1.354	1.1	1.369	1.354	1.1
1,2-Dichloropropane-d6	67	0.4004638	0.400	0.0	0.400	0.400	-0.0
Toluene-d8	98	1.275559	1.255	1.7	1.276	1.255	1.7
trans-1,3-Dichloropropene-d4	79	0.3896177	0.384	1.3	0.390	0.384	1.3
2-Hexanone-d5	63	0.1311204	0.122	7.9	0.131	0.122	7.9
1,4-Dioxane-d8	96	0.0050177	0.005	2.7	0.005	0.005	2.7
1,1,2,2-Tetrachloroethane-d2	84	0.4321503	0.395	9.5	0.432	0.395	9.5
1,2-Dichlorobenzene-d4	152	0.9343596	0.962	-2.9	0.934	0.962	-2.9

## National Functional Guidelines Report # 17

10:53 Fri, Nov 14, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4G20 Case 37947 Contract EPW05030 Region 9 DDTID 37839 SOW SOM01.2

***Continuing Calibration Data Summary***

VOA Low Med 6C Continuing Calibration Verification InstrumentID=V6 Column=DB-624 HeatedPurge>No

		RRF-050 VSTD0506S V6G2079.D 11/02/2008 08:44:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Vinyl chloride-d3	65	0.3664381	0.307	19.4	0.366	0.307	19.4
Chloroethane-d5	69	0.1368872	0.160	-14.6	0.137	0.160	-14.6
1,1-Dichloroethene-d2	100	0.0941773	0.104	-9.6	0.094	0.104	-9.6
2-Butanone-d5	46	0.1697584	0.155	9.4	0.170	0.155	9.4
Chloroform-d	84	0.5762265	0.573	0.5	0.576	0.573	0.5
1,2-Dichloroethane-d4	65	0.3665054	0.355	3.2	0.367	0.355	3.2
Benzene-d6	84	1.3841444	1.354	2.2	1.384	1.354	2.2
1,2-Dichloropropane-d6	67	0.4106399	0.400	2.5	0.411	0.400	2.5
Toluene-d8	98	1.2944311	1.255	3.2	1.294	1.255	3.2
trans-1,3-Dichloropropene-d4	79	0.4035961	0.384	5.0	0.404	0.384	5.0
2-Hexanone-d5	63	0.145616	0.122	19.8	0.146	0.122	19.8
1,4-Dioxane-d8	96	0.0049415	0.005	1.2	0.005	0.005	1.2
1,1,2,2-Tetrachloroethane-d2	84	0.4651949	0.395	17.8	0.465	0.395	17.8
1,2-Dichlorobenzene-d4	152	0.9651392	0.962	0.3	0.965	0.962	0.3

## National Functional Guidelines Report # 17

10:53 Fri, Nov 14, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4G20

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Contract EPW05030

Region 9

DDTID 37839

SOW SOM01.2

***Continuing Calibration Data Summary***

VOA Low Med 6C

Continuing Calibration Verification

InstrumentID=V6

Column=DB-624

HeatedPurge&gt;No

		RRF-050 VSTD0506T V6G2104.D 11/02/2008 20:40:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Vinyl chloride-d3	65	0.3726638	0.307	21.5	0.373	0.307	21.5
Chloroethane-d5	69	0.1687123	0.160	5.3	0.169	0.160	5.3
1,1-Dichloroethene-d2	100	0.1011757	0.104	-2.8	0.101	0.104	-2.8
2-Butanone-d5	46	0.1723991	0.155	11.1	0.172	0.155	11.1
Chloroform-d	84	0.6223279	0.573	8.6	0.622	0.573	8.6
1,2-Dichloroethane-d4	65	0.3663461	0.355	3.1	0.366	0.355	3.1
Benzene-d6	84	1.3988393	1.354	3.3	1.399	1.354	3.3
1,2-Dichloropropane-d6	67	0.4149794	0.400	3.6	0.415	0.400	3.6
Toluene-d8	98	1.3109657	1.255	4.5	1.311	1.255	4.5
trans-1,3-Dichloropropene-d4	79	0.386581	0.384	0.6	0.387	0.384	0.6
2-Hexanone-d5	63	0.1385012	0.122	13.9	0.139	0.122	13.9
1,4-Dioxane-d8	96	0.0055743	0.005	14.1	0.006	0.005	14.1
1,1,2,2-Tetrachloroethane-d2	84	0.4657962	0.395	18.0	0.466	0.395	18.0
1,2-Dichlorobenzene-d4	152	0.95332	0.962	-1.0	0.953	0.962	-1.0

## National Functional Guidelines Report # 17

10:53 Fri, Nov 14, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4G20 Case 37947 Contract EPW05030 Region 9 DDTID 37839 SOW SOM01.2

***Continuing Calibration Data Summary***

VOA Low Med 6C Continuing Calibration Verification InstrumentID=V6 Column=DB-624 HeatedPurge>No

		RRF-050 VSTD0506U V6G2126.D 11/03/2008 08:09:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Vinyl chloride-d3	65	0.3340094	0.307	8.9	0.334	0.307	8.9
Chloroethane-d5	69	0.1400424	0.160	-12.6	0.140	0.160	-12.6
1,1-Dichloroethene-d2	100	0.098926	0.104	-5.0	0.099	0.104	-5.0
2-Butanone-d5	46	0.1666645	0.155	7.4	0.167	0.155	7.4
Chloroform-d	84	0.59132	0.573	3.2	0.591	0.573	3.2
1,2-Dichloroethane-d4	65	0.36252	0.355	2.0	0.363	0.355	2.0
Benzene-d6	84	1.4068964	1.354	3.9	1.407	1.354	3.9
1,2-Dichloropropane-d6	67	0.416154	0.400	3.9	0.416	0.400	3.9
Toluene-d8	98	1.2899298	1.255	2.8	1.290	1.255	2.8
trans-1,3-Dichloropropene-d4	79	0.3465162	0.384	-9.9	0.347	0.384	-9.9
2-Hexanone-d5	63	0.1408917	0.122	15.9	0.141	0.122	15.9
1,4-Dioxane-d8	96	0.0051962	0.005	6.4	0.005	0.005	6.4
1,1,2,2-Tetrachloroethane-d2	84	0.4557181	0.395	15.4	0.456	0.395	15.4
1,2-Dichlorobenzene-d4	152	0.9458917	0.962	-1.7	0.946	0.962	-1.7

## National Functional Guidelines Report # 17

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Lab MITKEM (Mitkem Corporation) SDG Y4G20

Case 37947

Contract EPW05030

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DDTID 37839

SOW SOM01.2

***Continuing Calibration Data Summary***

VOA Low Med 9Z

Continuing Calibration Verification

InstrumentID=V6

Column=DB-624

HeatedPurge&gt;No

		<b>RRF-050 VSTD0506R V6G2053.D 11/01/2008 20:47:00</b>					
		<b>Lab</b>			<b>NFG Calculated</b>		
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Hexane	57	0.8081685	0.540	49.6	0.808	0.540	49.6
Isopropanol	45	0.0140929	0.017	-14.9	0.014	0.017	-14.9

## National Functional Guidelines Report # 17

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Lab MITKEM (Mitkem Corporation) SDG Y4G20

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***Continuing Calibration Data Summary***

VOA Low Med 9Z

Continuing Calibration Verification

InstrumentID=V6

Column=DB-624

HeatedPurge&gt;No

		<b>RRF-050 VSTD0506S V6G2079.D 11/02/2008 08:44:00</b>					
		<b>Lab</b>			<b>NFG Calculated</b>		
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Hexane	57	0.4372457	0.540	-19.1	0.437	0.540	-19.1
Isopropanol	45	0.015935	0.017	-3.8	0.016	0.017	-3.8

## National Functional Guidelines Report # 17

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Lab MITKEM (Mitkem Corporation) SDG Y4G20

Case 37947

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Region 9

DDTID 37839

SOW SOM01.2

***Continuing Calibration Data Summary***

VOA Low Med 9Z

Continuing Calibration Verification

InstrumentID=V6

Column=DB-624

HeatedPurge&gt;No

		<b>RRF-050 VSTD0506T V6G2104.D 11/02/2008 20:40:00</b>					
		<b>Lab</b>		<b>NFG Calculated</b>			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Hexane	57	0.4427689	0.540	-18.0	0.443	0.540	-18.0
Isopropanol	45	0.0135151	0.017	-18.4	0.014	0.017	-18.4

## National Functional Guidelines Report # 17

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Lab MITKEM (Mitkem Corporation) SDG Y4G20

Case 37947

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DDTID 37839

SOW SOM01.2

***Continuing Calibration Data Summary***

VOA Low Med 9Z

Continuing Calibration Verification

InstrumentID=V6

Column=DB-624

HeatedPurge&gt;No

		<b>RRF-050 VSTD0506U V6G2126.D 11/03/2008 08:09:00</b>					
		<b>Lab</b>			<b>NFG Calculated</b>		
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Hexane	57	0.7086368	0.540	31.2	0.709	0.540	31.2
Isopropanol	45	0.0143938	0.017	-13.1	0.014	0.017	-13.1